

Appl. No. 09/992,996

Amdt. Dated November 12, 2003

Reply to Office Action of August 12, 2003

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended). An electromagnetic actuator, comprising:

at least one electromagnet having a coil and a first contact surface;

a second contact surface;

at least one resetting device;

an armature having a shank mechanically coupled to said resetting device, said armature being movable between said first contact surface on said electromagnet and said second contact surface;

and

a connector having at least one contact element electro-conductively connected to said coil of said electromagnet, said contact element ~~to be~~ being electrically contacted by an

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assembly contacting element, ~~even~~ upon said connector engaging a connector receptacle.

Claim 2 (original). The actuator according to claim 1, wherein said connector has an opening formed therein, and said contact element has a region configured as a service contact which is led through said opening in said connector and said service contact, at least during the assembly of the actuator onto the support, can be electrically contacted by the assembly contacting element.

Claim 3 (original). The actuator according to claim 2, wherein said connector has a housing with said opening formed therein, said service contact is led in an oil-proof manner through said opening in said housing of said connector.

Claim 4 (withdrawn). A method of mounting an actuator, which comprises the steps of:

providing an electromagnetic actuator containing at least one electromagnet having a coil and a first contact surface, a second contact surface, at least one resetting device, an armature having a shank mechanically coupled to the resetting device and the armature being movable between the first contact surface on the electromagnet and the second contact

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surface, and a connector having at least one contact element electro-conductively connected to the coil of the electromagnet and disposed such that, at least during an assembly of the actuator onto a support, the contact element can be electrically contacted by an assembly contacting element;

bring the contact element into electrical contact with the assembly contacting element;

passing current through the coil of the electromagnet in such a way that an armature plate of the armature comes into contact with the first contact surface;

fixing the actuator on the support; and

breaking the electrical contact between the contact element and the assembly contacting element.

Claim 5 (currently amended). An electromagnetic actuator assembly, comprising:

at least one electromagnet having a coil and a first contact surface;

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a second contact surface;

at least one resetting device;

an armature having a shank mechanically coupled to said
resetting device, said armature being movable between said
first contact surface on said electromagnet and said second
contact surface;

a support mounting said electromagnet and said armature, said
support having a contacting element; and

a connector having at least one contact element electro-
conductively connected to said coil of said electromagnet and
serving for electrically contacting said contacting element
~~even~~ upon said connector engaging a connector receptacle.